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Extra Remote Sensor

to 63-1030



Owner's Manual
Please read before using this equipment.

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FCC INFORMATION

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with the limits for a Class B digital device as specified in Part 15 of *FCC Rules*. These limits provide reasonable protection against radio and TV interference in a residential area.

However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

- reorient or relocate the receiving antenna
- increase the distance between the equipment and the radio or TV

Consult your local RadioShack store if the problem still exists.



Introduction

Your RadioShack Extra Remote Sensor is designed for use with the RadioShack Wireless Indoor/Outdoor Thermometer with Indoor/Outdoor Hygrometer system (Cat. No. 63-1030). Installation is easy, with no wires to connect. You can mount the remote sensor outdoors or in another room (away from the system's main unit),

or use its supplied wire stand for easy viewing on a table or desktop.

INSTALLING BATTERIES

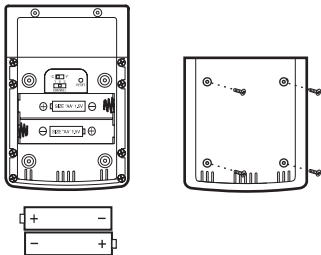
Your sensor requires two AA batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

Note: If you expect to use the remote sensor in temperatures below -4°F (-20°C), we recommend you use lithium batteries.


Follow these steps to install batteries.



1. Use a Phillips screwdriver to remove the screws in the battery compartment cover, then lift off the cover.
2. Set **CHANNEL** and **°C/°F** inside the compartment to the desired set-

tings. (See “Changing the Display Channel” on Page 13 and “Changing the Degree Format” on Page 15)

3. Place the batteries in the compartment as indicated by the polarity symbols (+ and –) marked inside.
4. Use a pointed object (such as a straightened paper clip) to press **RESET** and initialize the sensor's transmitter.
5. Replace the cover and secure it with its screws.

When  appears (on either the sensor or under the sensor's channel number on the main unit) or the sensor stops operating properly, replace the batteries.

Warning: Dispose of old batteries promptly and properly. Do not burn or bury them.

Caution: If you do not plan to use the sensor for a week or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

MOUNTING THE SENSOR

You can place the remote sensor on a flat surface, or mount it on the wall using screws (not supplied) and the supplied bracket.

Selecting a Location

Choose a location for the remote sensor that is within about 328 feet (100 m) of the main unit. The remote sensor can be placed either indoors or out.

The construction of your home or office might affect the transmission range between the main unit and the remote sensor. If you have a choice of several locations, try each to see which provides the best performance.

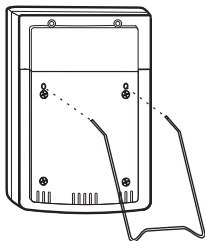
Caution: Do not place the remote sensor where it will be:

- in direct sunlight
- in water (it is weather-resistant, not water-proof)
- near electrical appliances or heating or air conditioning vents

Using the Stand

To set the remote sensor on a flat surface, insert the ends of the supplied wire

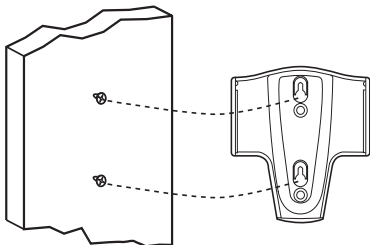
stand into the holes on the back of the remote sensor.



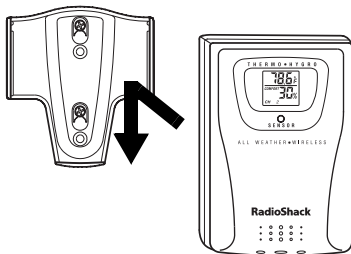
On a Wall

1. Drill two holes $1\frac{3}{4}$ inches apart. Then thread a screw into each hole, letting the heads extend about $\frac{1}{4}$ inch from the mounting surface.

2. Align the keyhole slots on the mounting bracket with the screws and slide the bracket downward to secure it.



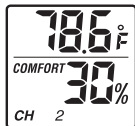
3. Slide the remote sensor into the mounting bracket.





Operation

Once you install batteries in the remote sensor, it displays the current temperature, humidity, and the channel number it is set to, and starts transmitting signals (to your Cat. No. 63-1030 system's main unit) about every 41 seconds.



CHANGING THE DISPLAY CHANNEL

The Cat. No. 63-1030 system's main unit can display information for up to three different remote sensors.

Set **CHANNEL 1/2/3** inside this remote sensor's battery compartment to a different setting than all other remote sensors you are using. Then press **RESET** using a pointed object (such as a straightened paper clip).



Note: If you set two or more remote sensors to use the same channel, the main unit displays temperature and humidity information for the remote sensor's signal it received first.

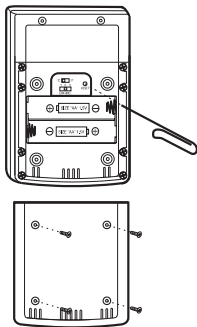
CHANGING THE DEGREE FORMAT

To change the displayed degree format, set °C/°F inside the remote sensor's battery compartment to the desired setting.

RESETTING THE SENSOR

If the remote sensor stops operating properly, use a pointed object (such as a straightened paper clip) to press **RESET**. This resets the displayed temperature

and humidity readings and re-initializes the sensor's transmitter.





Care

Keep the sensor dry; if it gets wet, wipe it dry immediately. Use and store the sensor only in normal temperature environments. Handle the sensor carefully; do not drop it. Keep the sensor away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the sensor's internal components can cause a malfunction and invalidate its warranty. If your sensor is not performing as it should, take it to your local RadioShack store for assistance.



Specifications

Power 3V with 2 AA Batteries

Temperature Operating Range ... -4° to 140°F
(-20° to 60°C)

Relative Humidity

Operating Range 25%–90% RH

RF Transmission Frequency 433 MHz

RF Transmission Range 328 ft at sight
(100m at sight)

Resolution 0.2°F
(0.1°C)

Approximate Sampling Cycle 41 Seconds

Accuracy $\pm 1.8^{\circ}$ at 32° to 104°F
(0° to 40°C)

$\pm 3.6^{\circ}$ at -40° to 122°F
(-40° to 50°C)

$\pm 5.4^{\circ}$ at -58° to 158°F
(-50° to 70°C)

Weight (without batteries) 2.8 oz
(80 g)

Dimensions $4\frac{1}{8} \times 2\frac{3}{4} \times \frac{7}{8}$ in
(105 × 70 × 21.5 mm)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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